

Cameron 10/637,158

Page 1

=> file reg

FILE 'REGISTRY' ENTERED AT 19:48:40 ON 13 AUG 2004  
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=> display history full 11-

L1 FILE 'LREGISTRY' ENTERED AT 16:39:55 ON 13 AUG 2004  
L2 STR  
L3 STR L1  
STR L1

,4 FILE 'REGISTRY' ENTERED AT 16:59:37 ON 13 AUG 2004  
,5 50 SEA SSS SAM L1  
35294 SEA SSS FUL L1  
SAV TEM L5 CAM158/A  
,6 50 SEA SUB=L5 SSS SAM L2  
STR  
,7 50 SEA SUB=L5 SSS SAM L2 NOT L7  
STR L2  
,8 50 SEA SUB=L5 SSS SAM L9 NOT L7  
STR L7  
,9 50 SEA SUB=L5 SSS SAM L9 NOT L11  
5027 SEA SUB=L5 SSS FUL L9 NOT L11  
SAV L13 CAM158A/A  
,10 19 SEA SUB=L5 SSS SAM L3  
345 SEA SUB=L5 SSS FUL L3  
SAV L15 CAM158B/A

FILE 'HCA' ENTERED AT 19:34:30 ON 13 AUG 2004  
16 10087 SEA L13  
17 1127 SEA L15  
18 42516 SEA NONAQ# OR NONAQUEOUS? OR NONWATER? OR NONH2O OR  
NON(A) (AQ# OR AQUEOUS? OR WATER? OR H2O) OR (ANH# OR  
ANHYDROUS?) (2A) (SOLN# OR SOLUTION? OR SOLVENT?)  
19 7034 SEA UNHYDROLY? OR NONHYDROLY? OR NON(A) HYDROLY?  
20 56 SEA L16 AND L18  
21 27 SEA L16 AND L19  
22 0 SEA L20 AND L21  
23 1 SEA L17 AND L18  
24 2 SEA L17 AND L19  
25 90 SEA L16 AND L17  
26 0 SEA L25 AND L18  
27 1 SEA L25 AND L19  
28 915180 SEA (MIXT# OR MIXTURE? OR BLEND? OR ADMIX? OR COMMIX? OR

IMMIX? OR INTERMIX? OR COMPOSIT? OR COMPN# OR COMPSN# OR  
FORMULAT? OR INTERSPER?) /TI

L29 37 SEA L25 AND L28  
 L30 3793071 SEA AQ# OR AQUEOUS? OR WATER? OR H<sub>2</sub>O OR HYDROLY?  
 L31 23 SEA L29 NOT L30

FILE 'REGISTRY' ENTERED AT 19:39:16 ON 13 AUG 2004

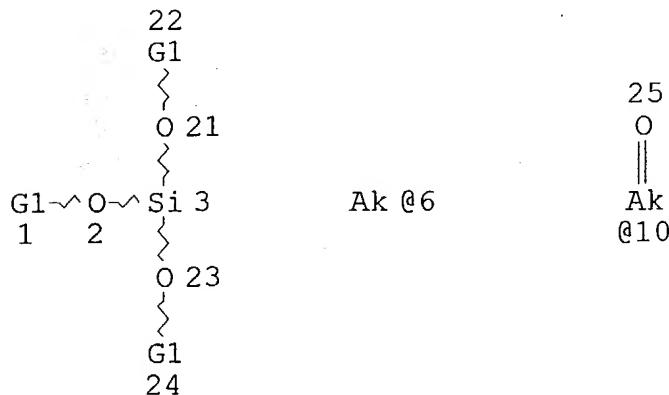
L32 3 SEA L13 AND L15

FILE 'HCA' ENTERED AT 19:39:32 ON 13 AUG 2004

L33 4 SEA L32  
 L34 7 SEA L23 OR L24 OR L27 OR L33  
 L35 23 SEA L31 NOT L34  
 L36 26 SEA L21 NOT (L34 OR L35)  
 L37 56 SEA L20 NOT (L34 OR L35 OR L36)  
 L38 14 SEA L35 AND (1907-1999/PY OR 1907-1999/PRY)  
 L39 18 SEA L36 AND (1907-1999/PY OR 1907-1999/PRY)  
 L40 42 SEA L37 AND (1907-1999/PY OR 1907-1999/PRY)  
 L41 7056 SEA ?AMINOSILAN? OR ?AMINESILAN? OR (?AMINO OR ?AMINE OR  
     ?AMINES) (2A) SILAN?  
 L42 11 SEA L41(3A) (L18 OR L19)  
 L43 4 SEA L42 AND L16  
 L44 1 SEA L42 AND L17  
 L45 10 SEA L43 OR L44 OR L34  
 L46 14 SEA L38 NOT L45  
 L47 17 SEA L39 NOT (L45 OR L46)  
 L48 41 SEA L40 NOT (L45 OR L46 OR L47)

FILE 'REGISTRY' ENTERED AT 19:48:40 ON 13 AUG 2004

=> d 115 que stat  
 L1 STR



VAR G1=6/10

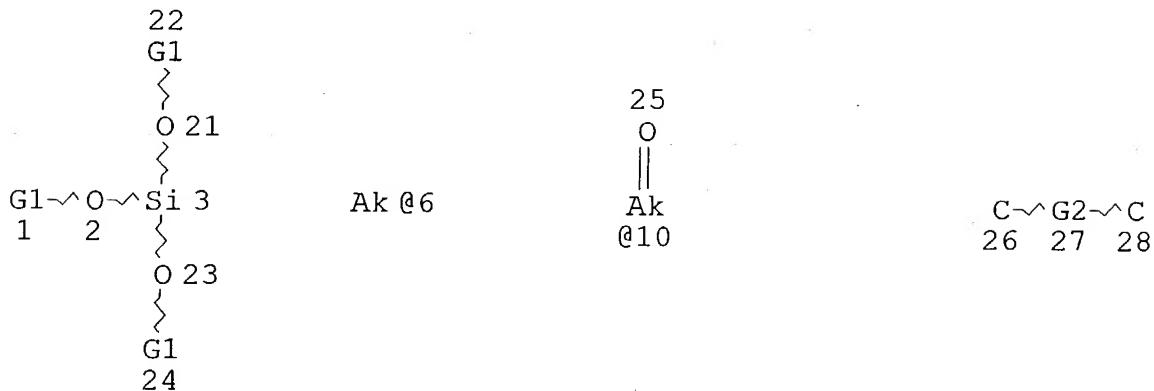
## NODE ATTRIBUTES:

CONNECT IS E4 RC AT 3  
 CONNECT IS E1 RC AT 6  
 CONNECT IS E2 RC AT 10  
 DEFAULT MLEVEL IS ATOM  
 GGCAT IS SAT AT 6  
 DEFAULT ECLEVEL IS LIMITED

## GRAPH ATTRIBUTES:

RING(S) ARE ISOLATED OR EMBEDDED  
 NUMBER OF NODES IS 10

STEREO ATTRIBUTES: NONE  
 L3 STR



VAR G1=6/10

REP G2=(2-10) S

## NODE ATTRIBUTES:

NSPEC IS RC AT 26  
 NSPEC IS RC AT 28  
 CONNECT IS E4 RC AT 3  
 CONNECT IS E1 RC AT 6  
 CONNECT IS E2 RC AT 10  
 DEFAULT MLEVEL IS ATOM  
 GGCAT IS SAT AT 6  
 DEFAULT ECLEVEL IS LIMITED

## GRAPH ATTRIBUTES:

RING(S) ARE ISOLATED OR EMBEDDED  
 NUMBER OF NODES IS 13

## STEREO ATTRIBUTES: NONE

L5 35294 SEA FILE=REGISTRY SSS FUL L1  
 L15 345 SEA FILE=REGISTRY SUB=L5 SSS FUL L3

100.0% PROCESSED 360 ITERATIONS  
SEARCH TIME: 00.00.01

345 ANSWERS

=> d 113 que stat  
L1 STR

```
22
G1
}
O 21
}
G1~^O~^Si 3      Ak @6      25
1 2   }
O 23
}
G1
24
```

```
Ak @10
||
```

VAR G1=6/10

NODE ATTRIBUTES:

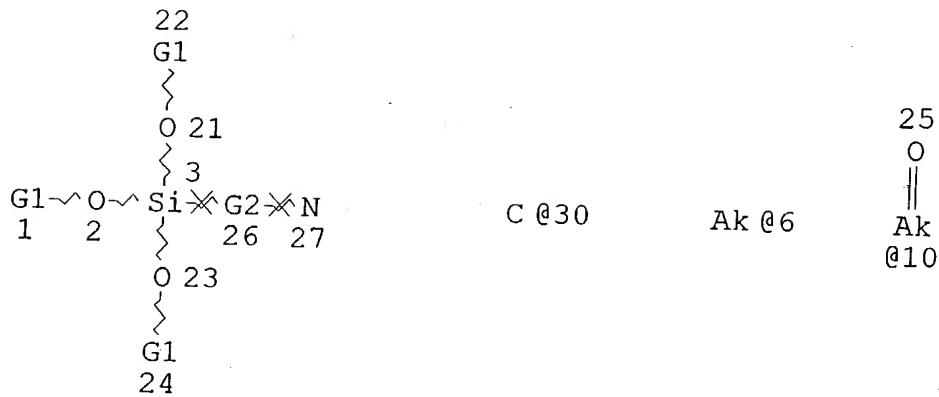
CONNECT IS E4 RC AT 3  
CONNECT IS E1 RC AT 6  
CONNECT IS E2 RC AT 10  
DEFAULT MLEVEL IS ATOM  
GGCAT IS SAT AT 6  
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

RING(S) ARE ISOLATED OR EMBEDDED  
NUMBER OF NODES IS 10

STEREO ATTRIBUTES: NONE

L5 35294 SEA FILE=REGISTRY SSS FUL L1  
L9 STR



VAR G1=6/10

REP G2=(1-8) 30

NODE ATTRIBUTES:

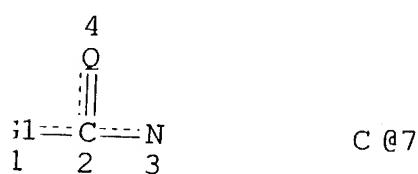
NSPEC IS RC AT 30  
 CONNECT IS E1 RC AT 6  
 CONNECT IS E2 RC AT 10  
 CONNECT IS M2 RC AT 27  
 DEFAULT MLEVEL IS ATOM  
 GGCAT IS SAT AT 6  
 DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

RING(S) ARE ISOLATED OR EMBEDDED  
NUMBER OF NODES IS 13

STEREO ATTRIBUTES: NONE

G11 STR



AR G1=7/Q

ODE ATTRIBUTES:

SPEC IS RC AT 7  
 DEFAULT MLEVEL IS ATOM  
 DEFAULT ECLEVEL IS LIMITED

RAPH ATTRIBUTES:

RING(S) ARE ISOLATED OR EMBEDDED  
NUMBER OF NODES IS 5

STEREO ATTRIBUTES: NONE

L13 5027 SEA FILE=REGISTRY SUB=L5 SSS FUL L9 NOT L11

100.0% PROCESSED 16684 ITERATIONS  
SEARCH TIME: 00.00.01

5027 ANSWERS

&gt; file hca

FILE 'HCA' ENTERED AT 19:49:58 ON 13 AUG 2004

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&gt; d 145 1-10 cbib abs hitstr hitind

145 ANSWER 1 OF 10 HCA COPYRIGHT 2004 ACS on STN  
40:288517 Non-aqueous or aqueous storage stable laminate polyurethaneadhesive. Morikawa, Yukihiro; Higashikubo, Ichiro; Yoshida, Kouji; Sasahara, Toshiaki (Nippon Polyurethane Industry Co., Ltd., Japan). U.S. Pat. Appl. Publ. US 2004063892 A1 20040401, 23 pp., Cont.-in-part of U.S. Pat. Appl. 2003 92,868. (English). CODEN: USXXCO. APPLICATION: US 2003-608418 20030630. PRIORITY: JP 2000-32695 20000203; JP 2000-73437 20000316; JP 2000-78367 20000321; US 2001-910866 20010724.

B A nonaq. laminate adhesive comprises a tertiary amino group-contg. polyurethane resin (A) or a tertiary amino group- and carboxyl group-contg. polyurethane resin (B) and a polyisocyanate curing agent, optionally a silane coupling agent. The resin (A) is obtained from (1) an active H group-contg. compd. comprising ≥1 kinds of tertiary amino group-contg. glycols and (3) an org. polyisocyanate; and the resin (B) is obtained from (2) an active H group-contg. compd. comprising (a) ≥1 kinds of tertiary amino group-contg. glycols and (b) ≥1 kinds of carboxyl group-contg. glycols, and (3) an org. polyisocyanate. The content of the tertiary amino group in the resin (A), the content of the tertiary amino group in the resin (B), and the carboxyl group in the resin (B) are each 0.001-1 mmol/g. The nonaq. laminate adhesive has a short aging time, a long pot life and good storage stability, all of which were unachievable with conventional laminate adhesives.

24801-88-5, A 1310

(coupling agent; nonaq. tertiary amine group-contg. laminating polyurethane adhesives with short aging time, long pot life, and good storage stability)

J 24801-88-5 HCA

J Silane, triethoxy(3-isocyanatopropyl)- (9CI) (CA INDEX NAME)